

Rec'd PCT/PTO 17 FEB 2005

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



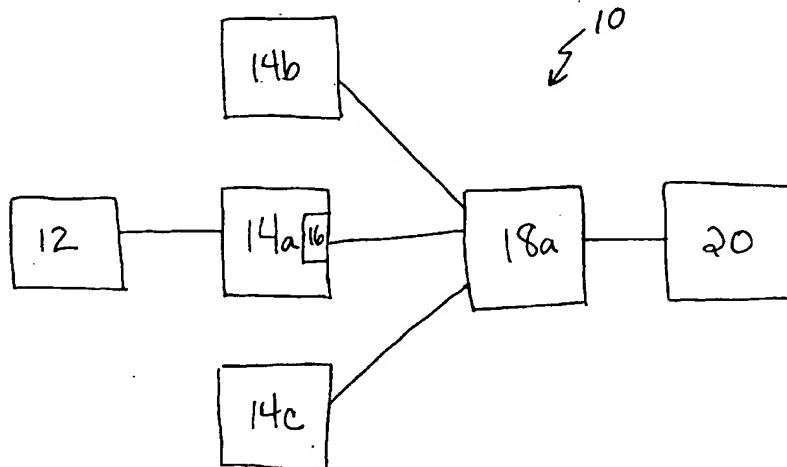
(43) International Publication Date  
15 April 2004 (15.04.2004)

PCT

(10) International Publication Number  
WO 2004/030512 A2

- (51) International Patent Classification<sup>7</sup>: A61B (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/US2003/025967
- (22) International Filing Date: 19 August 2003 (19.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/404,364 19 August 2002 (19.08.2002) US
- (71) Applicant (*for all designated States except US*): STOUT SOLUTIONS, LLC. [US/US]; 937 S. Coast Highway 101, Suite C-201, Encinitas, CA 92024 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): STOUT, Todd [/]; \* (US).
- (74) Agent: BUTCHKO, Karin, H.; Carlson, Gaskey & Olds, 400 West Maple Road, Suite 350, Birmingham, MI 48009 (US).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: BIO-SURVEILLANCE SYSTEM



(57) Abstract: A bio-surveillance system monitors symptoms or groups of symptoms experienced by people in a geographical area. The system tracks symptoms reported by calls to an emergency service dispatcher. The bio-surveillance system monitors the symptoms and associates the geographical location with the symptoms. Various triggers are programmed and stored in the system to look for certain types of threats. Each trigger is set based on a statistical variation of the historical data relating to the symptoms within a predetermined time in a predefined geographical area. When the reported symptoms exceed one of the triggers, an alert is activated to provide an indication of a potential biological or chemical terrorist attack.

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